ABSTRACT

Methods and systems for automatically hinting fonts, particularly TrueType fonts, by transferring hints from one font to another are described. In one embodiment, a character or glyph (i.e. a source character) from a first font is selected and provides hints that are to be transferred to a character or glyph of a second font (i.e. a target character). The hints comprise statements defined in terms of control points or knots that define the shape or appearance of a character. A match is found between individual control points on the different characters and then used as the basis for transferring the hints. In one embodiment, hints are transferred by modifying values in a control value table (CVT) that contains entries that are used to constrain the control points of the source character. The CVT values are modified so that they now constrain corresponding control points in the target character.